

JFEW

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Jonathan HACK) Group Art Unit: 2811
Application No.: 10/765,671) Examiner: Not Yet Assigned
Filed: January 26, 2004)
For: SPINTRONIC DEVICES AND)
METHODS OF MAKING)
SPINTRONIC DEVICES)
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed documents, not including U.S. Patents, are attached.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines


that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

Dated: June 4, 2004

By: _____


Jonathan A. Hack
Reg. No. 47,623



OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

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| Patent No. 0001 | Appln. No. 10/765,671 |
| Applicant Hack, Jonathan A. | |
| Filing Date January 26, 2004 | Group: 2811 |

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|---------------|-------------|-------|-----------|----------------------------|
| | 6,469,605 | Oct. 22, 2002 | Hack et al. | 335 | 297 | June 1, 2001 |
| | 6,113,746 | Sept. 5, 2000 | Hack et al. | 204 | 157.74 | Nov. 26, 1997 |
| | 6,264,801 | July 24, 2001 | Hack et al. | 204 | 155 | Dec. 7, 1999 |
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FOREIGN PATENT DOCUMENTS

| Document Number | Publication Date | Country | Class | Sub Class | Translation Yes or No |
|-----------------|------------------|---------|-------|-----------|-----------------------|
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| Khokhlov et al., "Ferromagnetism induced in silicon by radiation defects," <i>JETP Lett.</i> , Vol. 24, No. 4, 20 August 1976, 211-213 (1976). |
| Demidov et al., "Temperature Dependence of the ESR Signal of Radiation Defects in Silicon," <i>Sov. Phys. Semicond.</i> , Vol. 11, No. 4, April 1977, 459-460 (1977). |
| Hack et al., "Ferromagnetic Properties of Spark-Processed Photoluminescing Silicon," <i>Mat. Res. Soc. Symp. Proc.</i> Vol. 452, 147-152 (1997). |
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|---|---|
| Examiner | Date Considered |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |
| Form PTO 1449 | Patent and Trademark Office - U.S. Department of Commerce |